

FIG.1

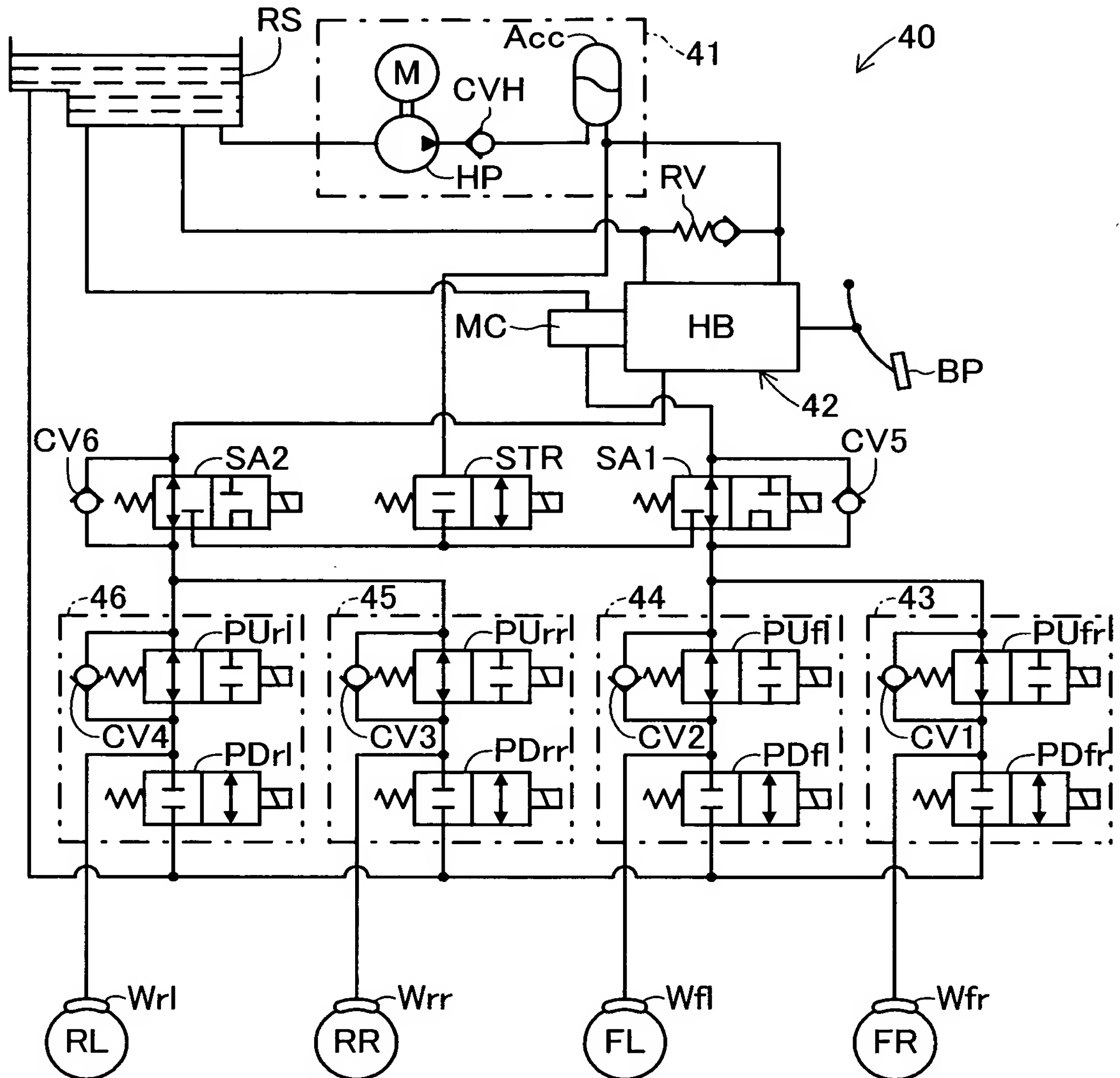


FIG.2

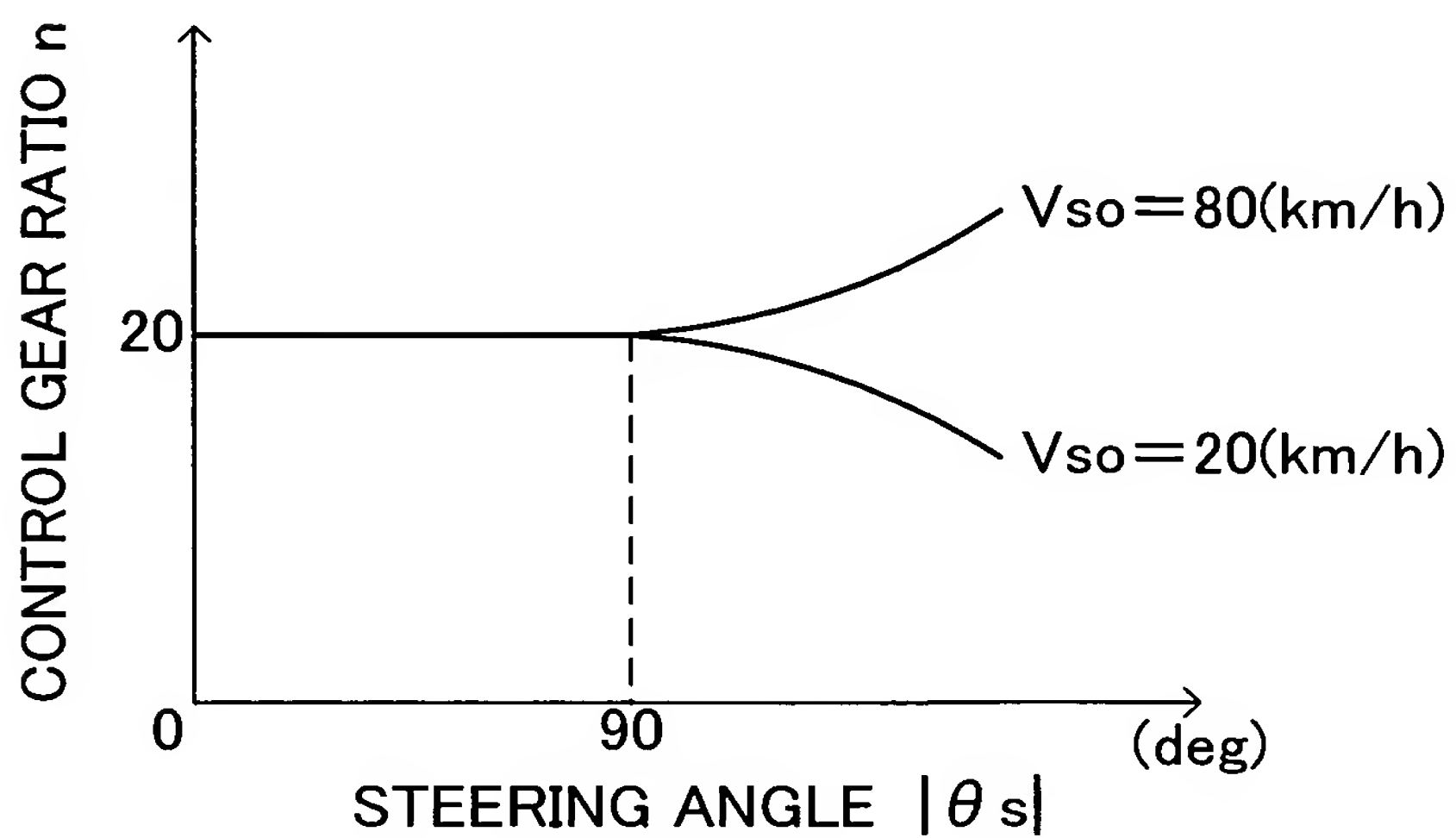


FIG.3

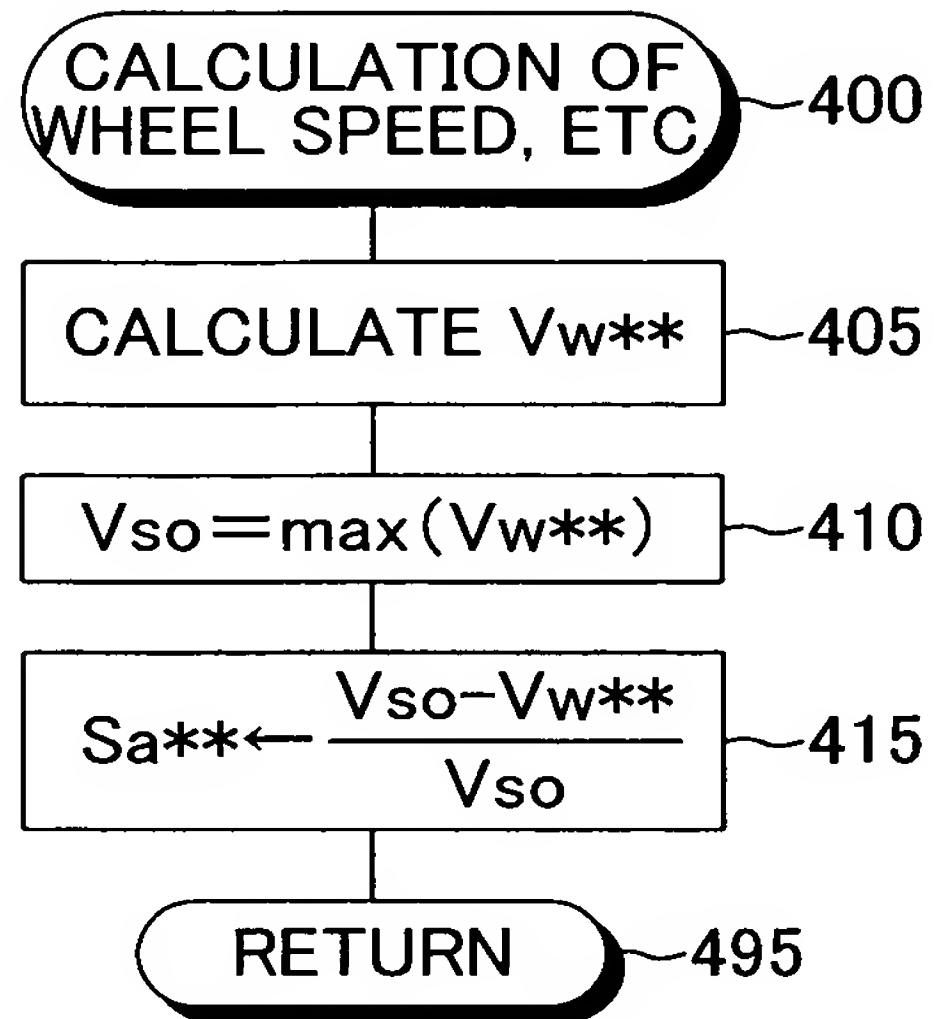


FIG.4

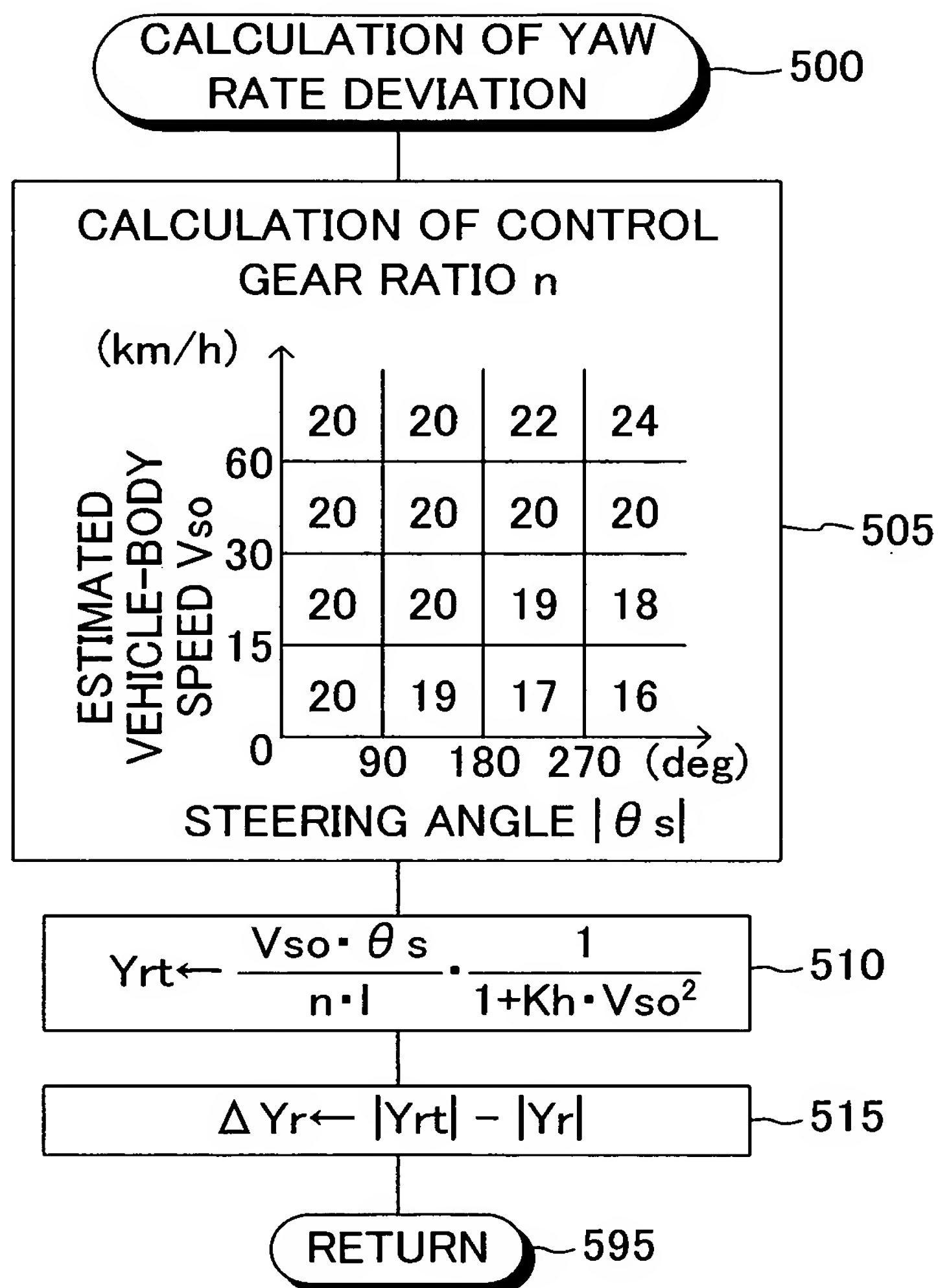


FIG.5

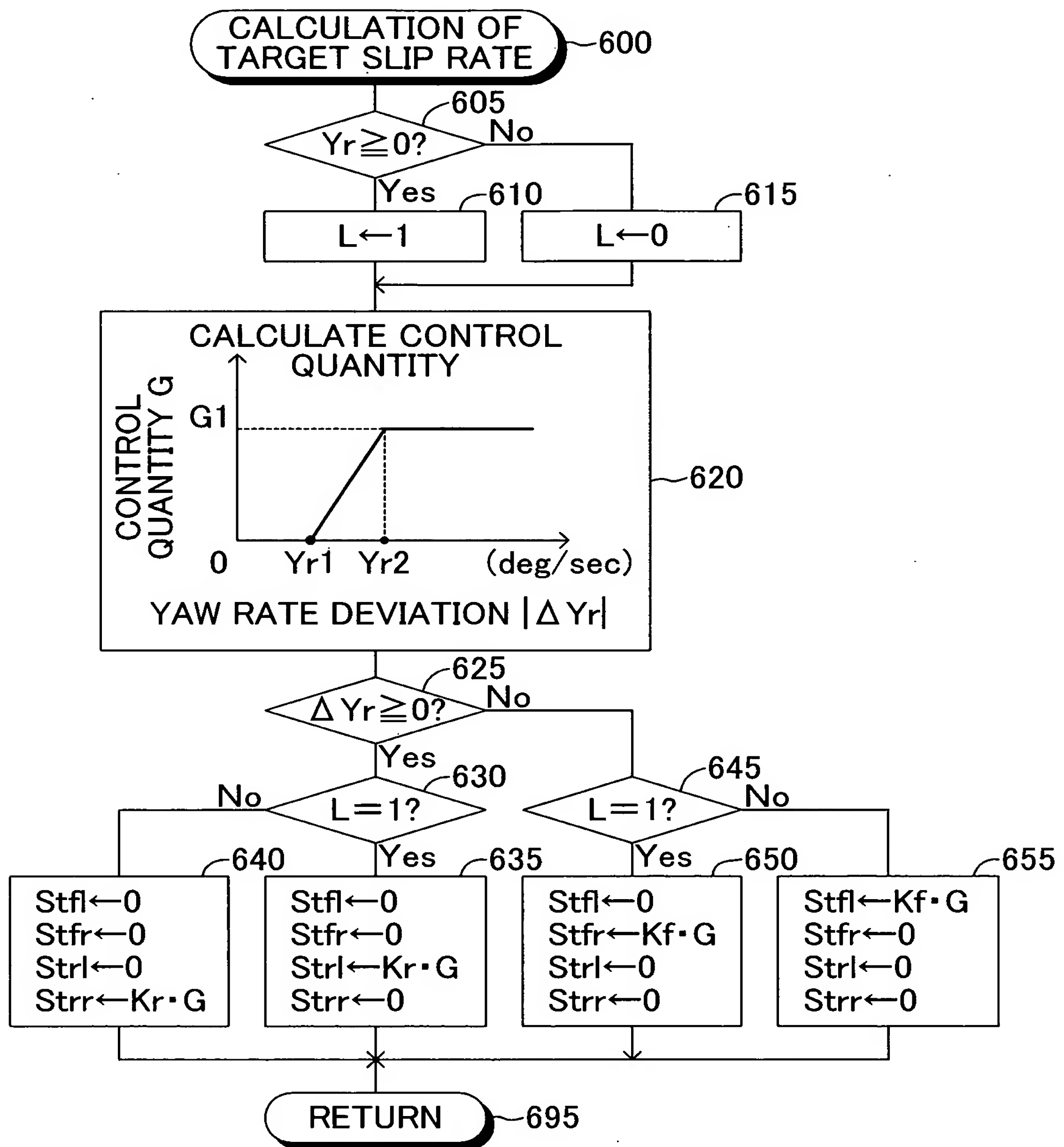


FIG.6

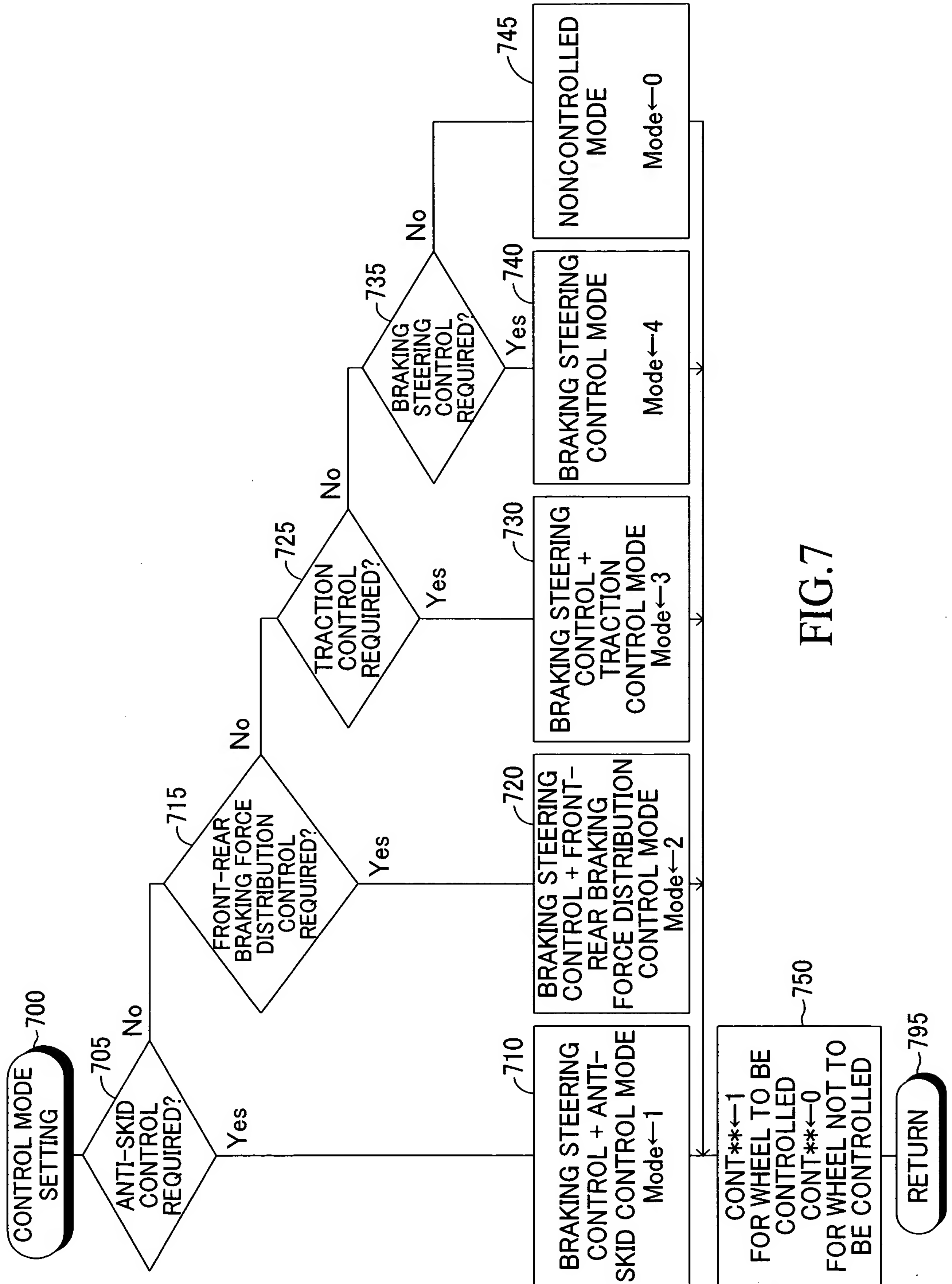


FIG. 7

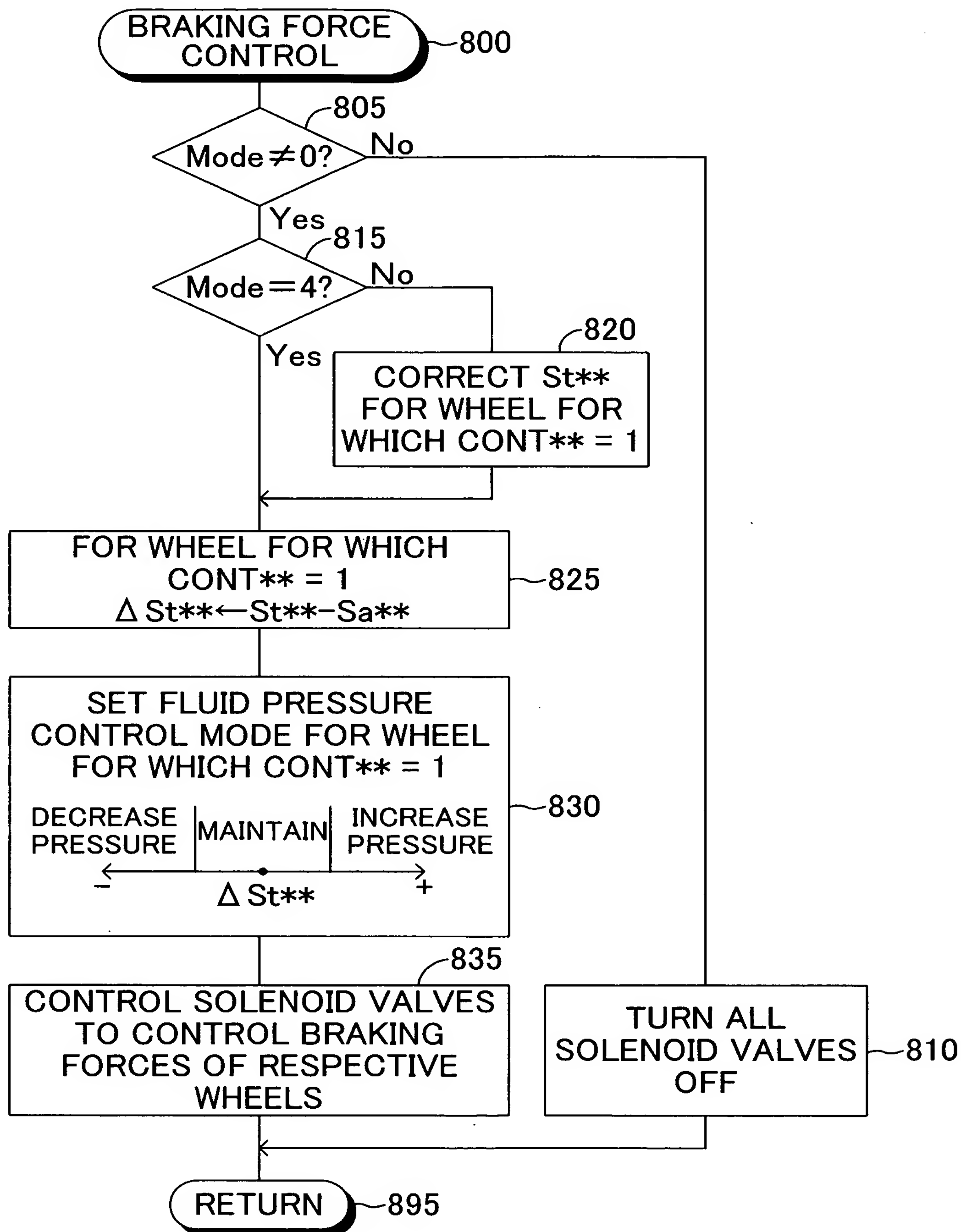


FIG.8

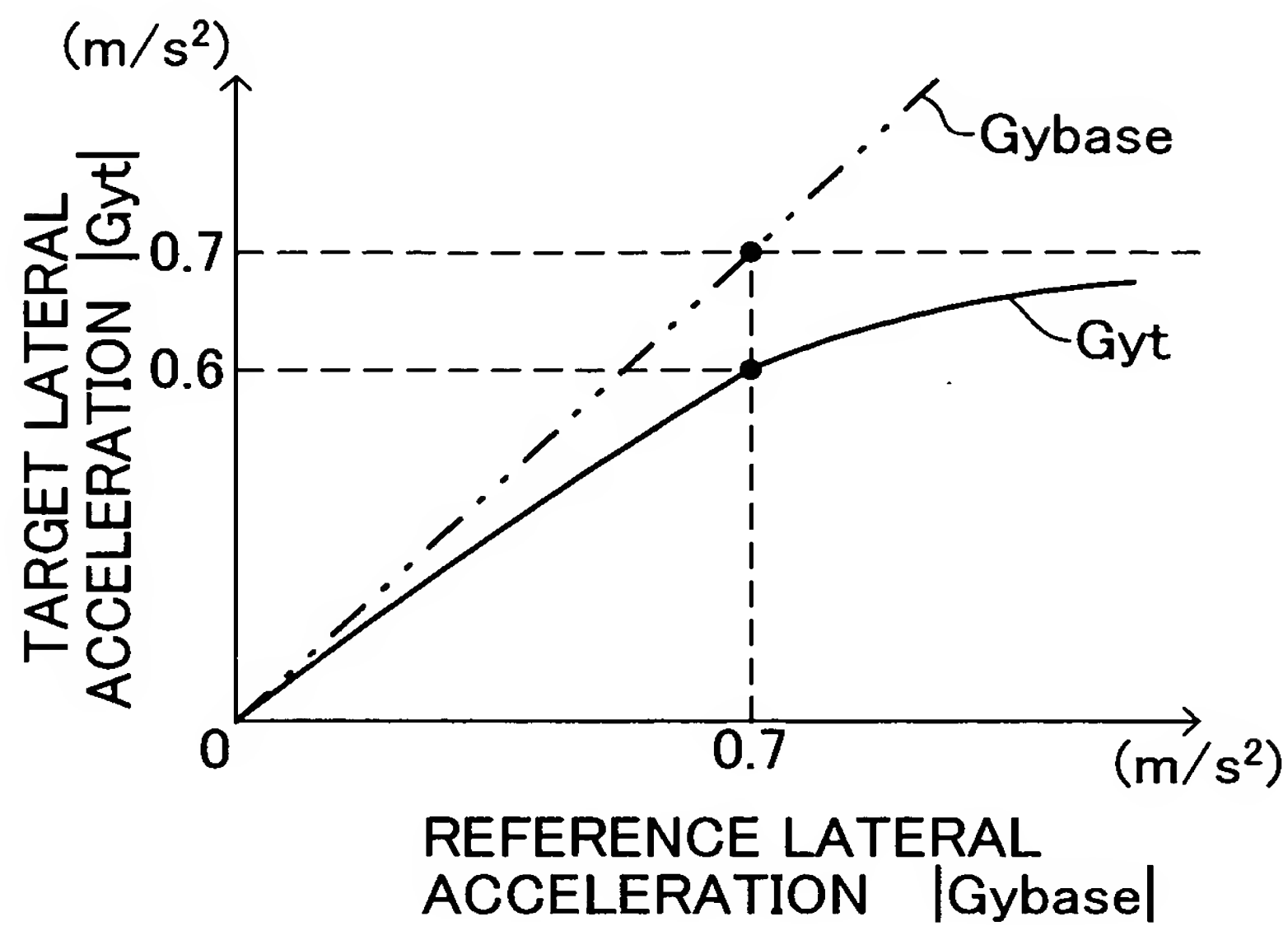


FIG.9

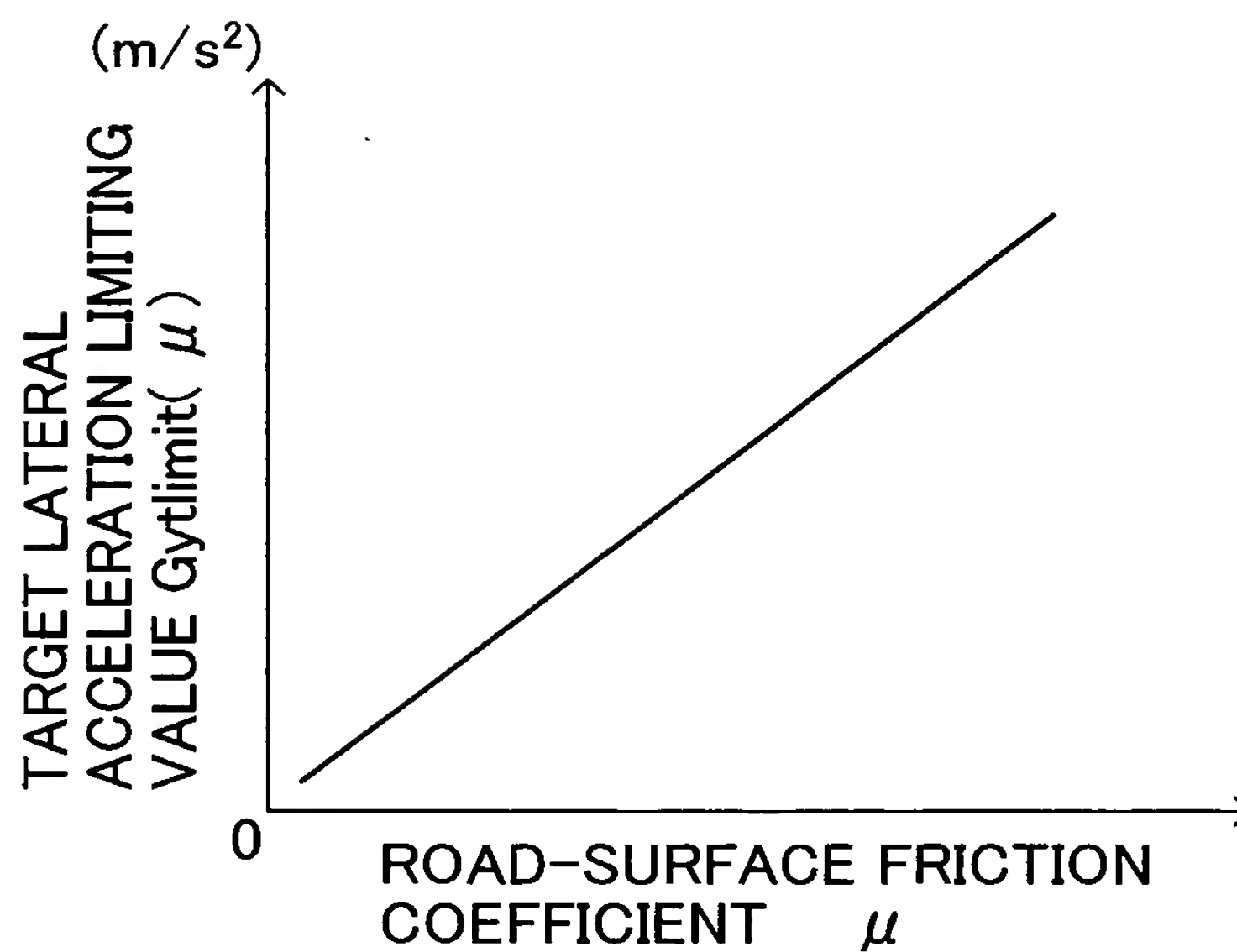


FIG.10

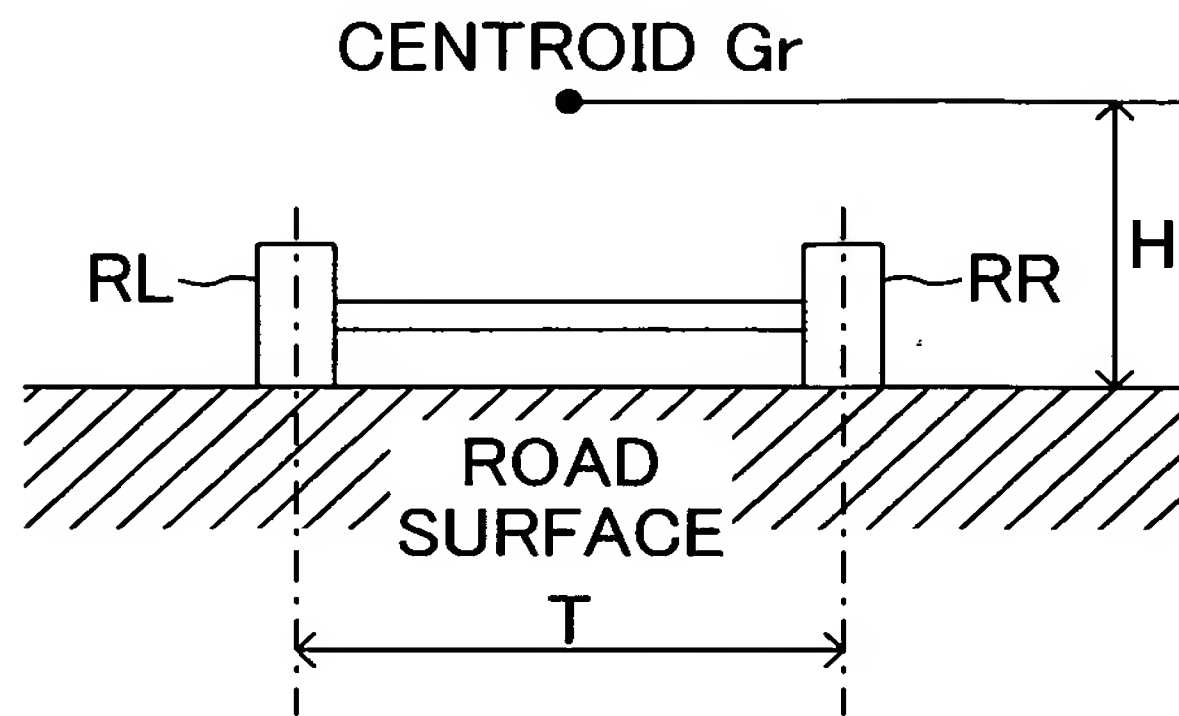


FIG.11

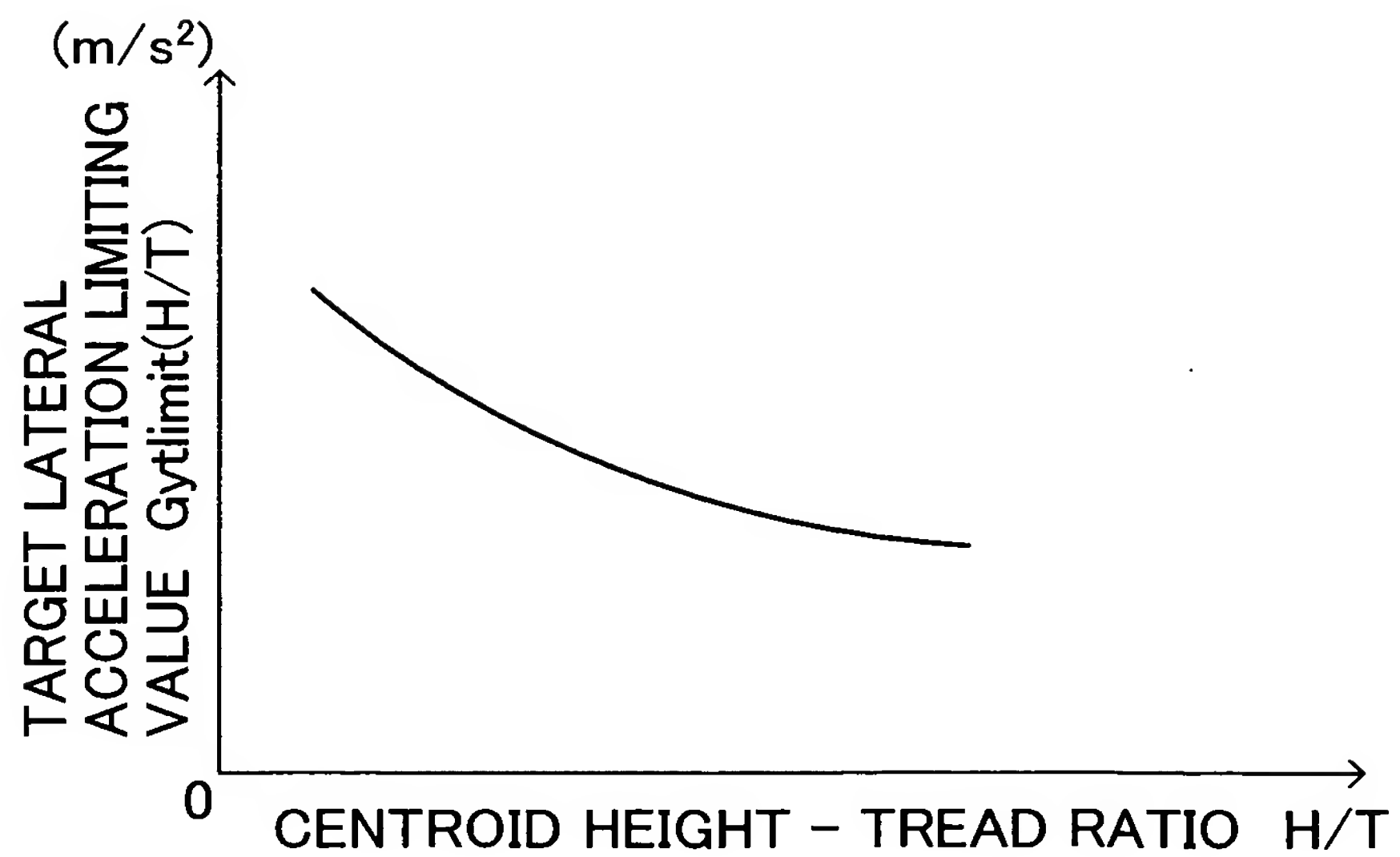


FIG.12

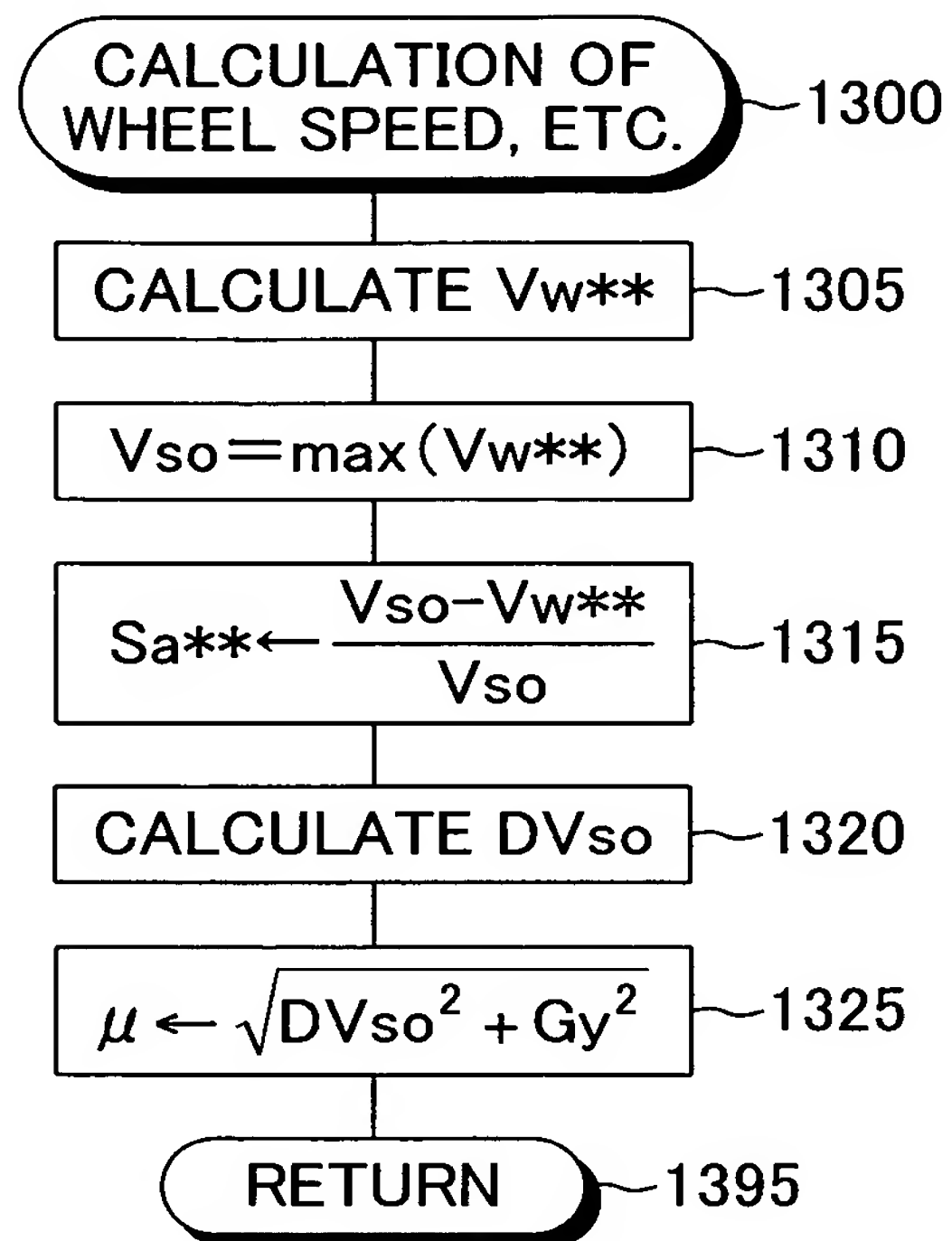


FIG.13

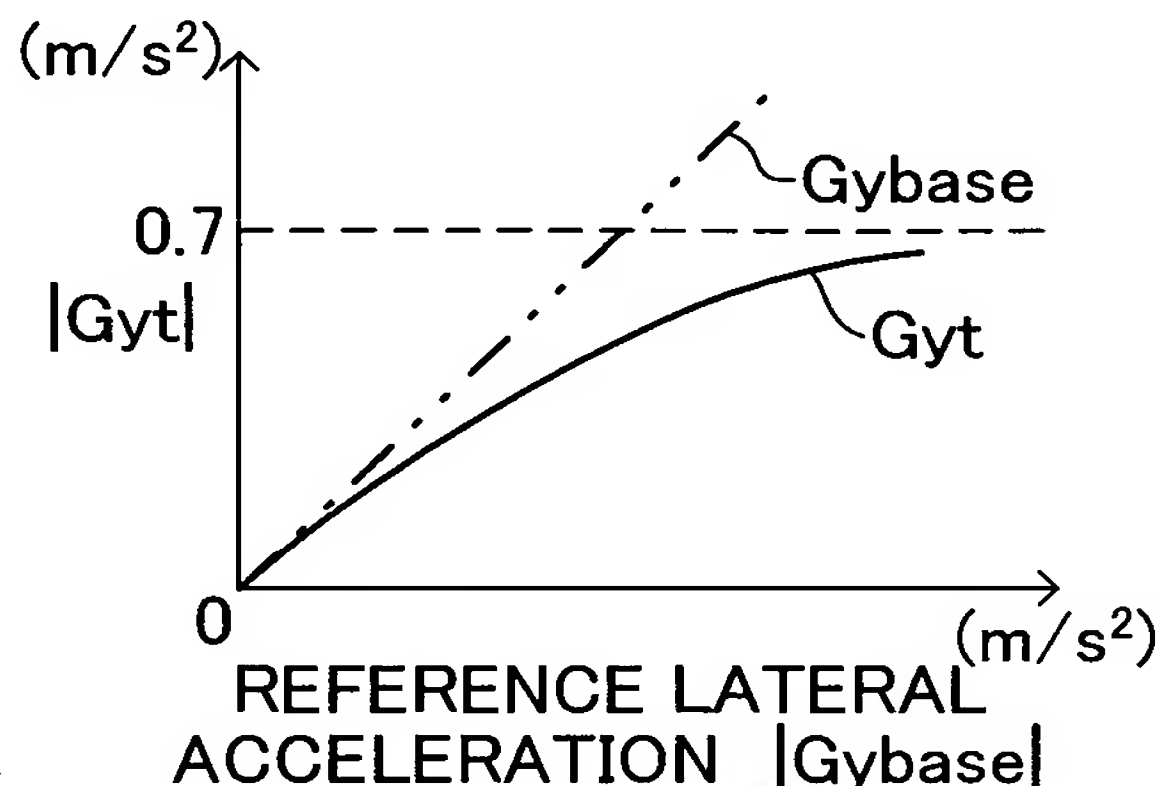
CALCULATION OF LATERAL
 ACCELERATION DEVIATION

1400

$$G_{ybase} \leftarrow \frac{V_{so}^2 \cdot \theta_s}{n \cdot l} \cdot \frac{1}{1 + K_h \cdot V_{so}^2}$$

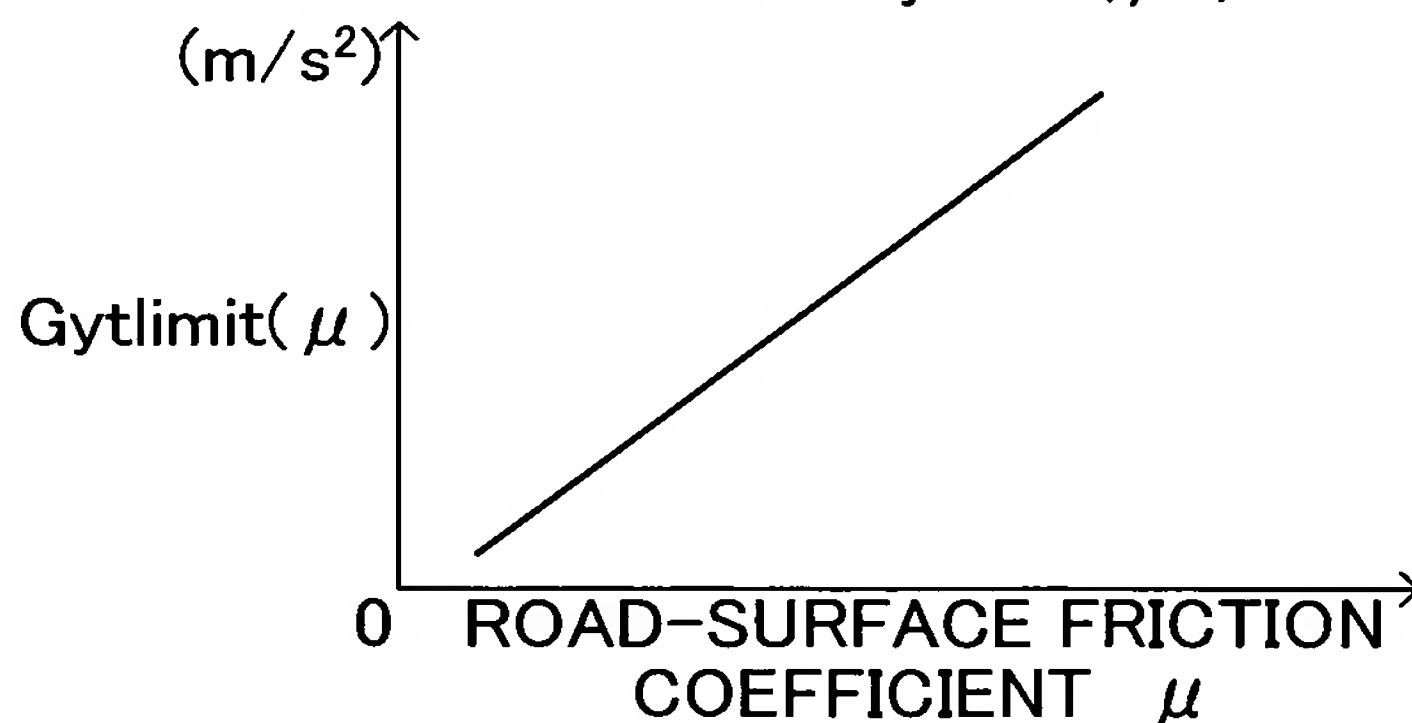
1405

CALCULATE TARGET LATERAL
 ACCELERATION G_{yt}



1410

CALCULATE TARGET LATERAL ACCELERATION
 LIMITING VALUE $G_{ylimit}(\mu)$



1415

$|G_{yt}| \leq G_{ylimit}(\mu)?$

1420 No

Yes

$$G_{yt} \leftarrow \text{sgn}(G_{yt}) \cdot G_{ylimit}(\mu)$$

1425

$$\Delta G_y \leftarrow |G_{yt}| - |G_y|$$

1430

RETURN

1495

FIG.14

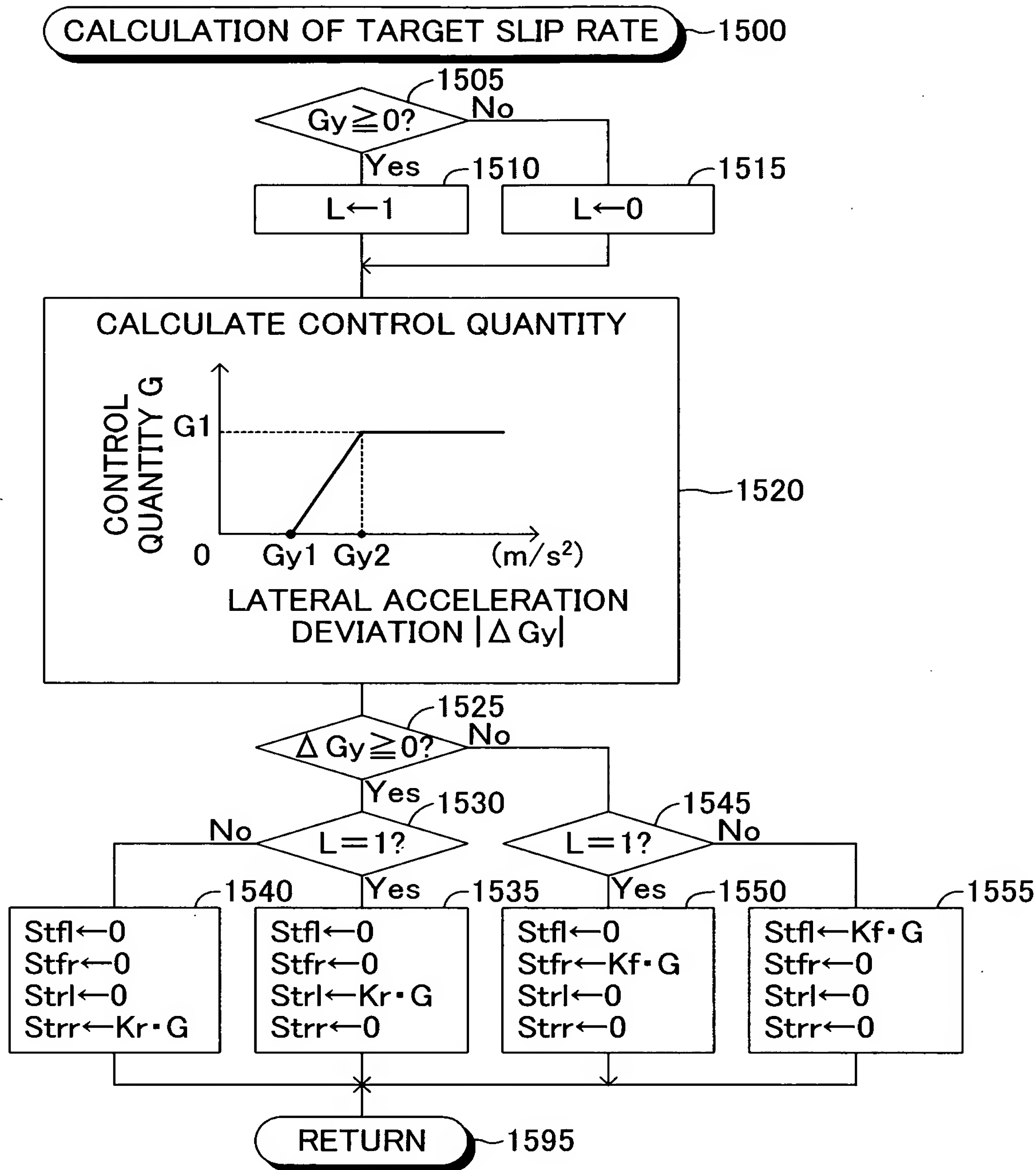


FIG.15